

1002 U.S. PTO
03/04/02

Please type a plus sign (+) inside this box 

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|---------------------------------------|
| Attorney Docket No. | M4065.0206/P206A |
| First Inventor | Kanwal K. Raina |
| Title | METHOD TO INCREASE THE EMISSION, etc. |
| Express Mail Label No. | |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- ☐ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages **13**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **6**]
- Oath or Declaration [Total Pages **2**]
 - ☐ Newly executed (original or copy)
 - ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Box Patent Application
Commissioner for Patents
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

- ☒ Assignment Papers (copy from parent application)
- ☒ 37 CFR 3.73(b) Statement (copy from parent) (when there is ☐ Power of Attorney an assignee)
- ☐ English Translation Document (if applicable)
- ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☒ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: **09/387,776**
Prior application information: Examiner **M. Cleveland** Group / Art Unit: **1762**

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

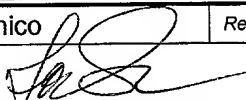
☒ Customer Number or Bar Code Label



24998

or ☐ Correspondence address below

| | | | | | |
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| Name | DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Thomas J. D'Amico | | | | |
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|-------------------|---|-----------------------------------|---------------|
| Name (Print/Type) | Thomas J. D'Amico | Registration No. (Attorney/Agent) | 28,371 |
| Signature |  | Date | March 4, 2002 |

FEE TRANSMITTAL

for FY 2002

Patent fees are subject to annual revision.

☐ Application claims small entity status See 37 CFR 1.27

Complete if Known

| | |
|----------------------|------------------|
| Application Number | Not Yet Assigned |
| Filing Date | |
| First Named Inventor | Kanwal K. Raina |
| Examiner Name | Not Yet Assigned |
| Group Art Unit | N/A |
| Attorney Docket No. | M4065.0206/P206A |

METHOD OF PAYMENT (check all that apply)

| | | | | | | | | | |
|-------------------------------------|-------|--------------------------|-------------|--------------------------|-------------|--------------------------|-------|--------------------------|------|
| <input checked="" type="checkbox"/> | Check | <input type="checkbox"/> | Credit Card | <input type="checkbox"/> | Money Order | <input type="checkbox"/> | Other | <input type="checkbox"/> | None |
|-------------------------------------|-------|--------------------------|-------------|--------------------------|-------------|--------------------------|-------|--------------------------|------|

| | |
|---|-----------------|
| X | Deposit Account |
|---|-----------------|

Deposit
Account
Number

04-1073

Deposit
Account
Name

Dickstein Shapiro Morin &
Oshinsky LLP

The Commissioner is hereby authorized to: *(check all that apply)*

| | | | |
|--------------------------|-------------------------------|-------------------------------------|-------------------------|
| <input type="checkbox"/> | Charge fee(s) indicated below | <input checked="" type="checkbox"/> | Credit any overpayments |
|--------------------------|-------------------------------|-------------------------------------|-------------------------|

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 101 | 740 | 201 | 370 | Utility filing fee | 740 00 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

| | | |
|--------------|------|--------|
| SUBTOTAL (1) | (\$) | 740 00 |
|--------------|------|--------|

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | Extra Claims | Fee from below | Fee Paid |
|--|-----------------|-------------------|----------|
|--|-----------------|-------------------|----------|

Total Claims 12 -20** = x = 0.00

| | | | | | | | |
|--------------------|---|--------|--|---|--|---|------|
| Independent Claims | 1 | -3** = | | x | | = | 0.00 |
| Multiple Dependent | | | | | | = | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

| | | |
|--------------|------|------|
| SUBTOTAL (2) | (\$) | 0.00 |
|--------------|------|------|

****or number previously paid, if greater; For Reissues, see above**

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 105 | 130 | 205 | 65 | Surcharge – late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge – late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive – unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1 17(q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR 1 129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

| | | | |
|-----------------------------------|--------------|------|------|
| *Reduced by Basic Filing Fee Paid | SUBTOTAL (3) | (\$) | 0.00 |
|-----------------------------------|--------------|------|------|

SUBMITTED BY

| | |
|-------------------|-------------------|
| Name (Print/Type) | Thomas J. D'Amico |
|-------------------|-------------------|

Registration No
(Attorney/Agent)

28.371

Complete (if applicable)

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|-----------|----------------|
| Telephone | (202) 828-2232 |
|-----------|----------------|

Signature

Date _____

March ~~1~~, 2002